

Date: Thu, 26 May 94 01:39:54 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #576  
To: Info-Hams

Info-Hams Digest                      Thu, 26 May 94                      Volume 94 : Issue 576

Today's Topics:

    "for ID" and othet stuff  
    6146A vs 6146 (2 msgs)  
    Amp-Hours for a Battery (2 msgs)  
    Bizarre QST statement (4 msgs)  
    Callsign Server EMAIL Address Wanted  
    cycles, cycles/sec vs Hz  
    IPS Daily Report - 25 May 94  
    Kenwood TH-78A \*OR\* Yaesu FT-530  
    Looking for best price on FT-530  
    Newsline on Satellite...?  
    Obstructing justice  
    Six Meter Opening on Saturday

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 25 May 1994 14:43:50 GMT  
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!  
master.cs.rose-hulman.edu!news@network.ucsd.edu  
Subject: "for ID" and othet stuff  
To: info-hams@ucsd.edu

> GR>you get home, say "I'm home now" and not "I'm at the home QTH." >  
> Good advice, but pray tell, what is the difference betwixt 73 and 73's.  
>

-----  
I actually heard this a few years back,

"I'm gonna get out of the mobile and go into the QTH."

How about, "Are you at your QTH?"

Hell, yes. One is ALWAYS at his QTH!

73 = Best Regards            73's = Best Regardses

Ain't ham radio a gas?

I often say that I' "destinated", but I always regret it.

How about "machine" for repeater? Is a repeater a machine?

A machine gun repeats, doesn't it?

^^^^^^            ^^^^^^^

73 de Jack, K9CUN

-----  
Date: 25 May 1994 18:24:40 -0500

From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu

Subject: 6146A vs 6146

To: info-hams@ucsd.edu

Greetings! I have two Heathkit HW-101s sitting on my desk at home. One, appears to have been bought and assembled when the rig was first released. It uses 6146s (or 6146as or 6146bs) for the finals. The other which was bought and built in '79 has a sticker on the back which states that only 6146As should be used. Can anyone enlighten me on the specifics of the 6146 family? I've put together quite a collection of spare 6146s and 6146bs and hate to think that it was all for naught.

Also, what is the difference between the Ten Tec Paragon II and the Omni VI? I just noticed the ads in the latest QST and the only difference I saw was \$200 in price (though the ads didn't give many real details about the rig)...just curious really...

73 de Dave, N9UXU

-----  
Date: 26 May 1994 02:54:19 GMT

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!prairienet.org!wrfin@network.ucsd.edu

Subject: 6146A vs 6146  
To: info-hams@ucsd.edu

Hi, Dave, I looked this up in the handbook, the 6146A is shown with plate voltage of 750V, power out of 70W. The 6146 is shown as 500V, power out of 48W. The 6146B is shown as plate 750V, power out of 85W. This is due to the higher plate current, 160mA instead of 120-135 for the other two. I have an "old" HW101, with 6146's in it, and was thinking of putting A's in it, and playing with the plate voltage, but, who's got time! Anyway, I think that's the significant differences, if there are any 6146 experts out there, we will be sure to hear from them!.

73s...

In a previous  
article, dave@flowserver.stem.com (David Adams) says:

>Greetings! I have two Heathkit HW-101s sitting on my desk at home.  
>One, appears to have been bought and assembled when the rig was first  
>released. It uses 6146s (or 6146as or 6146bs) for the finals. The  
>other which was bought and built in '79 has a sticker on the back  
>which states that only 6146As should be used. Can anyone enlighten  
>me on the specifics of the 6146 family? I've put together quite a  
>collection of spare 6146s and 6146bs and hate to think that it was  
>all for naught.

>

>Also, what is the difference between the Ten Tec Paragon II and the  
>Omni VI? I just noticed the ads in the latest QST and the only  
>difference I saw was \$200 in price (though the ads didn't give many  
>real details about the rig)...just curious really...

>

>73 de Dave, N9UXU

>

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Bill Finch  
KF9KI  
Champaign, IL  
wrfin@prairienet.org

~ | ~  
~~ | ~~  
~ | ~  
/|\

-----  
Date: 26 May 1994 02:01:08 GMT  
From: yale.edu!noc.near.net!news.delphi.com!domonkos@yale.arpa  
Subject: Amp-Hours for a Battery  
To: info-hams@ucsd.edu

>

>How can I determine the 'Amp-Hour' of a battery?  
>  
>I got some neat 6v no-maintenance batteries at the local Hamfest.  
>They charge fine, and have the appropriate 6 volts. But If they  
>say NP10-6 (or is it 6-10) 10 Amp-hour, how can I test that?  
>  
>And how do you test for a charged battery? I set my Multimeter  
>to 10Amp, and touch the probes to the + and - of the battery. (I hope  
>I haven't been doing -The Wrong Thing-!)  
>  
The 10 amp/hr rating is over a 20 hour period (500 mA/hr). It won't give you  
10 amps in 1 hour. It's a bit misleading but to design engineers long term  
discharge is more important.

Andy

-----  
Date: 25 May 1994 14:35:21 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!sol.ctr.columbia.edu!  
usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!news@network.ucsd.edu  
Subject: Amp-Hours for a Battery  
To: info-hams@ucsd.edu

> And how do you test for a charged battery? I set my Multimeter  
> to 10Amp, and touch the probes to the + and - of the battery. (I hope  
> I haven't been doing -The Wrong Thing-!)  
>  
> Thanks,  
>  
> --Mark KB2els

Fine idea, but...

I'd be interested in knowing what you look for and what this test tells  
you about the level of the charge. I always thought that secondary a  
cell's condition was more evident in it's voltage and not its short  
circuit current.

I need enlightening

73 de Jack. K9CUN

-----  
Date: 26 May 1994 00:31:27 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!psuvax1!news.cc.swarthmore.edu!

netnews.upenn.edu!netnews.upenn.edu!yee@network.ucsd.edu  
Subject: Bizarre QST statement  
To: info-hams@ucsd.edu

>Just for the record, I'm pretty sure that the FT101 uses 6146s.

With the exception of the 101ZD (which is really a low end 901), all the 101's use 6JS6C's. I know. I have a 101B.

--  
Medical Image Processing Group | 73 de Conway Yee, N2JWQ  
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu  
423 Guardian Drive | TELEPHONE : 1 (215) 662-6780  
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145

-----  
Date: 26 May 1994 00:17:28 GMT  
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!channel.ecst.csuchico.edu!olivea!ncd.com!  
newshost.ncd.com!sheridan.ncd.com!steve@network.ucsd.edu  
Subject: Bizarre QST statement  
To: info-hams@ucsd.edu

In article <gregCqDF5I.J7y@netcom.com>, greg@netcom.com (Greg Bullough) writes:

|> In June QST, there is an article on buying your first HF rig.

|>

|> Hooray!

|>

|> However, the author makes a really bizarre statement:

|>

|> In talking about hybrid rigs, he instructs the neophyte to stay  
|> away from those which have sweep tubes in the final, and go only  
|> for those with 'real' transmitting tubes (6146, presumably).

|>

|> Pretty much narrows it down to 'Kenwood.'

|>

|> It lets out Drake 4-line, which he mentioned as an example, FT-101s,  
|> etc.

|>

|> One wonders how such a bizarre and subjective criteria got by the  
|> editorial staff. Would we really tell a Novice not to buy a good  
|> used TR4C or FT-101!?!  
|>

|>

|> Yeah, I like 6146s better, but sweep tubes are both effective and  
|> available.

|>

|> Greg

Just for the record, I'm pretty sure that the FT101 uses 6146s.

I am POSITIVE my FT901DM does use 6146s...I've replaced em at least once over the years.

As a side comment, and past owner of a venerable TR3 which uses 3 sweep tubes in parallel...they are an absolute headache to neutralize!

Steve KA6S

-----  
Date: Thu, 26 May 1994 01:10:20 GMT  
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!lll-winken.llnl.gov!  
fnnews.fnal.gov!att-in!gw1!nntpa!not-for-mail@network.ucsd.edu  
Subject: Bizarre QST statement  
To: info-hams@ucsd.edu

-----  
Date: 26 May 1994 04:09:04 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!noc.near.net!chaos.dac.neu.edu!  
chaos.dac!wy1z@network.ucsd.edu  
Subject: Bizarre QST statement  
To: info-hams@ucsd.edu

In article <YEE.94May25203128@mipgsun.mipg.upenn.edu> yee@mipg.upenn.edu (Conway Yee) writes:

Path: chaos.dac.neu.edu!noc.near.net!news2.near.net!yale!zip.eecs.umich.edu!  
newsxfer.itd.umich.edu!gatech!psuvax1!news.cc.swarthmore.edu!netnews.upenn.edu!  
netnews.upenn.edu!yee

From: yee@mipg.upenn.edu (Conway Yee)

Newsgroups: rec.radio.amateur.misc

Date: 26 May 1994 00:31:27 GMT

Organization: Medical Image Processing Group, U of Penn

Lines: 11

Distribution: world

References: <gregCqDF5I.J7y@netcom.com> <2s0pqq\$dc2\$1@rosebud.ncd.com>

NNTP-Posting-Host: mipgsun.mipg.upenn.edu

>Just for the record, I'm pretty sure that the FT101 uses 6146s.

With the exception of the 101ZD (which is really a low end 901), all

the 101's use 6JS6C's. I know. I have a 101B.

--

Medical Image Processing Group		73 de Conway Yee, N2JWQ
411 Blockley Hall		EMAIL : yee@mipg.upenn.edu
423 Guardian Drive		TELEPHONE : 1 (215) 662-6780
Philadelphia, PA 19104-6021 (USA)		FAX : 1 (215) 898-9145

On a completely different note, but speaking of the 101ZD - the 101ZD was one of a few transceivers used in the movie Cliffhanger. I know the 'what transceivers have been in what movies' thread went wild a while back, but I just thought I'd mention it.

I think the HTs they used were Kenwood TH-?8s.

Scott

--

```
=====
| Scott Ehrlich           Amateur Radio: wy1z      AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu   BITnet: wy1z@NUHUB      AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|      Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
|      oak.oakland.edu - /pub/hamradio      |
|=====
```

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Date: 25 May 1994 14:48:45 GMT  
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!  
master.cs.rose-hulman.edu!news@network.ucsd.edu  
Subject: Callsign Server EMAIL Address Wanted  
To: info-hams@ucsd.edu

In article <duncanfj.769803440@eplrx7.es.dupont.com>  
duncanfj@eplrx7.es.dupont.com (Jeff Duncan) writes:  
> If you can only E-mail for a Ham Call listing, try a message to  
> Callbook@sat.datapoint.com Ith  
> In the text start the first line with LOOKUP then calls separated by  
> spaces. I Haven't used it for a while but it used to work well. Jeff  
> 4

This service was supposed to have been terminated recently, May 1 I think.

That's the message I got the last time a accessed it.

73 de Jack, K9CUN

-----  
Date: 25 May 1994 17:56:09 GMT  
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!  
master.cs.rose-hulman.edu!news@network.ucsd.edu  
Subject: cycles, cycles/sec vs Hz  
To: info-hams@ucsd.edu

This was previously posted:

>or the most cogent comment on the cycles/Hz contraversy (made by WA6NIL)  
>  
> "Nz to Hz"  
>

=====  
Hz is fine wid me. Cycles isn't!

Cycles per second is also fine, but takes longer to say/send.

10 Mc is not 10 megacycles, but it stands for 10 megacycles/sec.

One is a count, the other is a rate.

73 de Jack, K9CUN

-----  
Date: Wed, 25 May 1994 23:34:11 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!sunic!trane.uninett.no!  
nac.no!ifi.uio.no!wabbit.cc.uow.edu.au!metro!ipso!rwc@network.ucsd.edu  
Subject: IPS Daily Report - 25 May 94  
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 25/2330Z MAY 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.  
SUMMARY FOR 25 MAY AND FORECAST UP TO 28 MAY

IPS Warning 15 will be issued later today for interval 28 May  
to 7 June.  
-----



#### 1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 074/011

#### 1B. SOLAR FORECAST

	26 May	27 May	28 May
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 074/011

#### 1C. SOLAR COMMENT

None.

-----

#### 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices :	A	K	Observed A Index	24 May
Learmonth	13	3333	2323	
Fredericksburg	20			25
Planetary	20			19

Observed Kp for 24 May: 3543 3333

#### 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
26 May	15	Quiet to unsettled.
27 May	10	Quiet to unsettled.
28 May	20	Quiet to unsettled initially, then increasing to active to minor storm levels.

#### 2C. MAGNETIC COMMENT

None.

#### 3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
25 May	normal	normal	fair

PCA Event : None.

#### 3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
26 May	normal	normal	fair

27 May        normal            normal            fair  
28 May        normal            normal            normal

3C. GLOBAL HF PROPAGATION COMMENT  
NONE.

-----  
4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near normal, apart from 15-20% enhanced during local night.

Observed T index for 25 May: 49

Predicted Monthly T Index for May is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
26 May	35	Near predicted monthly values.
27 May	35	Near predicted monthly values.
28 May	30	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

None.

--  
IPS Regional Warning Centre, Sydney                    |IPS Radio and Space Services  
email: rwc@ips.oz.au    fax: +61 2 4148331            |PO Box 5606  
RWC Duty Forecaster    tel: +61 2 4148329            |West Chatswood NSW 2057  
Recorded Message        tel: +61 2 4148330            |AUSTRALIA

-----  
Date: 26 May 1994 01:29:14 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!sol.ctr.columbia.edu!news.cs.columbia.edu!  
news.columbia.edu!namaste.cc.columbia.edu!mrw13@network.ucsd.edu  
Subject: Kenwood TH-78A \*OR\* Yaesu FT-530  
To: info-hams@ucsd.edu

The mail order place I bought my TH-78A from (I think it was Austin Radio), let me order the radio with just the BT-8 battery case instead of the normal PB-13 battery. I then ordered two compatible batteries from a place called BatteryTech.

-Marc Wollemborg  
<mrw13@columbia.edu>

-----  
Date: 25 May 1994 22:31:42 GMT  
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!hartzman@network.ucsd.edu  
Subject: Looking for best price on FT-530  
To: info-hams@ucsd.edu

I'm waiting for my license to arrive after passing the No-Code Tech. I've been looking into HT's and from reading this group have decided on the 530.

The price I just got from HRO was \$434 WITH a coupon; the price went up \$35. If anyone knows of a better price, I'd appreciate hearing about it.

In the mean time, I'm back to studying code!

TIA,

Les

--  
--

-- Les Hartzman hartzman@kilroy.jpl.nasa.gov  
-- Jet Propulsion Laboratory M/S 238-528 (818) 354-5964  
-- 4800 Oak Grove Dr., Pasadena, CA. 91109

-----  
Date: 25 May 94 17:18:47 MDT  
From: ihnp4.ucsd.edu!agate!dog.ee.lbl.gov!hellgate.utah.edu!cc.usu.edu!rm174b.cpd.usu.edu!kevin@network.ucsd.edu  
Subject: Newsline on Satellite...?  
To: info-hams@ucsd.edu

Is Newsline available of the satellites. If so where and when

thanks

Kevin Reeve N7RXE  
Kevin@CPD2.USU.EDU

-----  
Date: 25 May 1994 14:46:20 GMT  
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!news@network.ucsd.edu  
Subject: Obstructing justice  
To: info-hams@ucsd.edu

>  
> Presumably the "truth" you cite is the "local parasites", eh?  
> Nothing libelous or slanderous there .... truth is truth ... I like it.  
>  
> Cheers de Sandy  
> WA6BXH slay@netcom.com

=====  
This reminds me of the small town newspaper which carried an editorial stating that "half the city council are crooks". The CC got a court order demanding a retraction.

The following day an editorial; apprerred saying. "Half the city council aren't crooks."

73 de Jack. K9CUN

-----  
Date: 25 May 1994 14:37:09 GMT  
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!  
master.cs.rose-hulman.edu!news@network.ucsd.edu  
Subject: Six Meter Opening on Saturday  
To: info-hams@ucsd.edu

> Jim Kurdzo (kurdzo@gdc.com) wrote:  
> : Bob Witte (bobw@col.hp.com) wrote:  
> : : I've usually spent my 6M time on SSB (50.125 and up) but last  
> : : weekend played around with FM on the band. It seems that (like 10  
FM),  
> : : everyone hangs out on the calling frequency (52.525). Are there  
> : : other preferred FM simplex frequencies commonly used?

I may be wrong but I think there is a band plan for the six-meter band.

Jack, K9CUN

-----  
Date: (null)  
From: (null)  
The FT-101 series used a pair of 6JS6Cs. Until the FT-101Z came out.

I had a FT-101EX, which had a pair of 6JS6Cs running at 100+ watts output with no cooling fan. Ran like a champ for years. I understand that the IMD products weren't all that bad either. ARRL lab measured -34 dB. The Kenwood TS-530 with 6146Bs measured -28 dB.

Apparently, if you use sweep tubes properly they aren't that bad.

On the other hand, I once had a Hallicrafters SR-400 that had a pair of 6HF5s running at over 200 watts output. Had to replace the finals every 4-5 months. And I didn't even operate that often!

Just one person's view of life.

73,  
Bob K2PH

--

-----  
Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob  
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com  
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W  
-----

Date: Wed, 25 May 1994 22:06:19 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!eff!news.kei.com!  
ddsw1!indep1!clifto@network.ucsd.edu  
To: info-hams@ucsd.edu

References <1994May18.061220.16459@ke4zv.atl.ga.us>,  
<2riq0c\$k5l@hplvec.lvld.hp.com>, <1994May25.061857.16014@ke4zv.atl.ga.us>  
Subject : Re: Need Advice

In article <1994May25.061857.16014@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>I didn't exactly say that. Much of the operation on HF is like that,  
>but there are people willing to engage in conversation on HF as well.

Waaaaay back when, I had been calling CQ on 20 for about 45 minutes and was about to pull the switch when someone with a foreign call came back to me. Well, I was mainly in it for DX, so I returned the call, then yelled into the kitchen, "Hey dad, where's Guadeloupe?" He said it was in the Caribbean, so I was kinda disappointed DX-wise, but decided I'd have a nice chat with the op there. We chatted for about a half-hour; I had him record a joke to play on a friend, we talked about our occupations, just conversation.

The moment I signed off with the guy, 20 meters (the ENTIRE band!) became unusable as a result of the pileup. Then, and only then, did I realize that I had worked some \_real\_ DX; a rare country at the time.

Most notable in today's ham world was the absence of interruptions. Not one single person made a peep between our transmissions; no "W9LID

is standing by," no jamming to shut me up and get me off the frequency,  
not a single sound.

--

	Optimists say, "The glass is half full."
Cliff Sharp	Pessimists say, "It's half empty."
WA9PDM	We realists say, "Before I decide,
clifto@indep1.chi.il.us	tell me what's in the glass."

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End of Info-Hams Digest V94 #576  
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